

Human Health Report for Case # P-18-0070

Report Status:

Complete

Status Date:

10/04/2018

CRSS Date:

01/18/2018

SAT Date:

01/19/2018

Health Assessor: Falke,
Ernest**Consolidated PMN?:**

N

Ecotox Related Cases:**Human Health Related Cases:****SAT****Chair:** William Irwin**Submitter:**

ArrowStar, LLC

CAS**Number:** [REDACTED]**Chemical Name:** [REDACTED]**Use:**[REDACTED] for polyurethane
[REDACTED]

Trade
Name: ARROPOL 36

PV
- Max(Kg/Yr): [REDACTED]

Physical Chemical Information

Molecular Weight: [REDACTED]	Physical State - Neat: Liquid
Wt% < 500: [REDACTED]	Wt% < 1000: [REDACTED]
Melting Point (Measured):	Melting Point (est):
Boiling Point (Measured):	Boiling Point (est): >400
Vapor Pressure:	Vapor Pressure (est): <0.000001
Water Solubility:	Water Solubility (est): 1000
Log Kow:	Log P:
pH and/or pKa:	Log P:
Nanomaterial?	
Percent of other substances in PMN formulation:	
P2 Rec: None.	
SAT P2 RecComments:	

SAT Concern Level:

Chemical Category:

Health Rating (1): 2 **Health Rating Comment (1):** Concern for generation of [REDACTED] to chelate nutrient metals and developmental toxicity.

Health Rating (2): **Health Rating Comment (2):**

Dermal: Y	DW: Y	Inh: Y
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Other Description (e.g., Ingestion):

Routes of Exposure: Dermal ,
Oral, Inhalation

Health Comments:

Exposure Based Review (Health): Y

Exposure-Based Testing:

SAT**Keywords:**

Dev Blood Bladder; Irr-E

PBT Ratings:

Persistence	Bioaccumulation	Toxicity	Comments
3	1	2	

Fate Information:**Health Summary:**

Absorption: Dermal poor, lung good, GI poor; Concern for generation of [REDACTED] chelate nutrient metals causing blood, bladder and developmental toxicity. Concern for eye irritation based on the SDS.

Test Data Submitted:

Analog [REDACTED] NOAEL is 125 mg/kg/day based on decreased weight gain and bladder toxicity by calcium salts precipitation.

Comments and/or Telephone Log:

Artifact	Update/Upload Time
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